

**CIC #:** 99EPA SUPERFUND  
**Billed Date:** 01-Sep-2011  
**Customer Order Number:** DW96942125  
**MISSION ASSIGNMENT NO:**  
 PASSAIC CPG OVERSIGHT 147757 BZ761  
 EPA 598

**D.O. Voucher No.** **BU. Voucher No.** **Bill No.** **Paid By Check No.** **Collection Vou. No.**  
 27054829  
 Partial # 49 01-Aug-2011 Thru 01-Sep-2011

**Billed Office (Mail To):**

U.S. ENVIRONMENTAL PROTECTION AGENCY  
 ACCOUNTING OPERATIONS OFFICE  
 26 W. MARTIN LUTHER KING DRIVE  
 CINCINNATI OH 45268-7002

**Billing Office (Send Remittance To):**  
 USACE FINANCE CENTER G5  
 KANSAS CITY DISTRICT G5  
 5720 INTEGRITY DRIVE  
 MILLINGTON TN 38054-5005

**Billed Accounting Classification**

68 68 X 8145.0000 2007 00 0000 000000000000 000000

**Billing Accounting Classification**

96 NA X 3122.0000 G5 08 2416 868 022125 96231

\$49,304.38

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		\$46,351.00
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$883.99
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$260.63
1	INHOUSE - LABOR	LABOR		\$2,011.79
1	REIMBURSABLE - INSIDE CORPS	WORK PERFORMED BY OTHER COE EST		\$203.03
<b>Subtotal:</b>				<b>\$49,304.38</b>

**CORPS CERTIFICATION**

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUNDS AS INDICATED."

*Elizabeth A. Buckner*  
 DATE SIGNATURE

*Elizabeth A. Buckner*  
 Project Manager

**Funds Authorized:** \$5,030,665.00  
**Total Billed Amount:** \$3,537,200.42  
**Prev Billed Amount:** \$3,487,896.04  
**Current Billed Amount:** \$49,304.38  
**Total Flux Billed:** \$0.00  
**Prev Flux Billed:** \$0.00  
**Current Flux Billed:** \$0.00

**CERTIFICATE OF OFFICE BILLED**

I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.

**Date:**

Authorized Administrative or Certifying Officer

**Total Billed Amount:** \$49,304.38  
**Less Partial Amount Paid:** \$0.00  
**Payment Due Date:** 01-Oct-2011 **Pay This Amount:** \$49,304.38

PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

IA Number: DW96942125

MONTHLY REPORT FOR AUGUST 2011

STATEMENT OF CHARGES FOR PERIOD:	Revised Reimbursable (96X3122)	Direct Fund Cite	IA Totals (96X3122)
Total Funds Authorized:	\$5,030,665.00	\$0.00	\$5,030,665.00
Less Total Expenditures: (-)	\$3,537,200.42	\$0.00	\$3,537,200.42
Less Undelivered Orders: (-)	\$1,181,024.53	\$0.00	\$1,181,024.53
Less Commitments: (-)	\$32,963.68	\$0.00	\$32,963.68
Funds Available Balance:	\$279,476.37	\$0.00	\$279,476.37

BILLING ACTIVITY (96X3122):

Bill Number: 27054829

Funds Expended During Report Period:  
Total Billed to Date:

\$49,304.38  
\$3,537,200.42

DIRECT FUND CITE PAYMENTS:

Funds Expended During Report Period:  
Total Expended to Date:

\$0.00  
\$0.00

PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

IA Number: DW96942125

Bill Number: 27054829

Bill Invoice Date: 01-SEP-2011

Monthly Billing Amount (96X3122):

\$49,304.38

Monthly Direct Fund Cite Contract Cost (68X8145):

\$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$1,297.93	\$87,444.91	\$88,742.84
b Fringe Benefits	\$713.85	\$46,529.77	\$47,243.63
c Travel	\$0.00	\$8,655.50	\$8,655.50
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$46,351.00	\$3,146,187.56	\$3,192,538.56
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$ -203.03	\$113,152.28	\$112,949.25
i Total Direct Charges	\$48,159.76	\$3,401,970.02	\$3,450,129.78
j Total Indirect Charges	\$1,144.62	\$85,926.02	\$87,070.64
k TOTAL	\$49,304.38	\$3,487,896.04	\$3,537,200.42

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
ELIZABETH BUCKRUCKER	KANSAS CITY DISTRICT	HTM PROJECT MANAGER	23.50	\$2,839.90
JENNIFER L KOLARIK	KANSAS CITY DISTRICT	PROJECT MANAGEMENT SPECIAL	4.00	\$184.92
FRANCES C PIMENTEL	KANSAS CITY DISTRICT	SECRETARY (OA)	0.25	\$11.27

PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

LABOR BREAKOUT FOR MONTH:  
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Individual	Location	Function	Hours	Labor Amount
BONNIE B LOWE	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	1.25	\$120.32
TOTAL LABOR:			29.00	\$3,156.41

## Progress Report for EPA Region II

<b>Site:</b>	Diamond Alkali, Lower Passaic River (Extended Study): RI/FS Oversight, New Jersey		<b>Phase:</b>	RI/FS, OU4	
<b>Bill No.:</b>	27054829 Partial #49	<b>IAG No.:</b> NWK	<b>IAG:</b> DW96942125/BZ761 IAG Award Date: 8/31/07	<b>IAG Expiration Date:</b> 12/31/13	<b>Other Corps</b> P2 #147757/FWI 96B4B2
<b>Reporting Period:</b>	<b>From:</b> August 1, 2011	<b>To:</b> September 1, 2011	<b>EPA RPM</b> Stephanie Vaughn	<b>USACE PM</b> Elizabeth Buckrucker	
<b>Work Performed</b>					

<b>Work Performed</b>	<ul style="list-style-type: none"> <li>▪ On 8 and 23 Aug 11, participated in project progress conference call with EPA/COE/CDM/LB/HQI/BAT.</li> <li>▪ Funding.             <ul style="list-style-type: none"> <li>○ On 31 Aug 11, IA 2125 Amendment D was received for \$150,000.</li> </ul> </li> <li>▪ Invoices.             <ul style="list-style-type: none"> <li>○ On 3 Aug 11, reviewed and approved LBG TO 0010 Invoice #22, totaling \$6,002.00 covering period 29 May – 25 Jun 11.</li> <li>○ On 2 Aug 11, reviewed and approved CDM TO 0014 Invoice #19, totaling \$97,217.00 covering period 29 May – 2 Jul 11. Of this invoice, \$40,349 was IA2125 (oversight), \$50,494 was IA 2023 and \$6,374 was IA 1975 (website support).</li> </ul> </li> <li>▪ CDM Task Order 0014/WVN 9             <ul style="list-style-type: none"> <li>○ On 1 Aug 11, provided EPA draft copy of WVN 9 for review. Discussed funding plan and tasks to be addresses (primarily RM 10.9).</li> <li>○ On 2 Aug 11, discussed WVN 9 with EPA and CDM. Received revised WVN 9 information same day. Reviewed and provided final comments on the WVN.</li> <li>○ On 3 Aug 11, final WVN was received and was approved same day. Distribution made to the team.</li> <li>○ Provided feedback to CDM on numerous formatting and editorial issues on the WVN structure; requested correction of all items for future WVNs.</li> </ul> </li> <li>▪ CDM Task Order 0014/Modification 13             <ul style="list-style-type: none"> <li>○ On 2 Aug 11, submitted request for contract modification to task order.</li> <li>○ On 30 Aug 11, received draft funding chronology from F. Tsang and discussed same day, providing comments.</li> <li>○ On 31 Aug 11, received final funding modification paperwork from CDM. Performed final backcheck of all documents.</li> <li>○ On 1 Sep 11, prepared all paperwork and funding documentation and submitted to contracting office for award processing. Award to be made during the next reporting period.</li> </ul> </li> <li>▪ Sharepoint/transfer of database &amp; websites.             <ul style="list-style-type: none"> <li>○ Continued EDD loading into EQuIS with quality control checks and preparation of cross-walk table. Anticipate completion of this task within next 1-2 reporting periods.</li> <li>○ CDM prepared and delivered partner agency request for data and figures.</li> <li>○ Historical database migrating work underway.</li> </ul> </li> <li>▪ Schedule. Most current CPG full schedule version is 18 February 2010. Partial updates of specific tasks are being provided.</li> <li>▪ CDM Confidentiality/Conflict of Interest Certification Forms.             <ul style="list-style-type: none"> <li>○ On 27 Jul 10, received series of emails with scope and contract information from HQI pertaining to work performed for NJDEP and PVSC (regarding use of the SWEM model). Action for government to review and respond. On 22 Oct 10, resent all information together to EPA and recommended discussion. Review will now require update with HDR/HQI COI Certification forms. Open.</li> <li>○ PRP List. The updates below will require revision based on HDR/HQI recent merge. Review will be held until updated forms are received.                 <ul style="list-style-type: none"> <li>▪ On 23 Sep 10, received 5<sup>th</sup> update of COI forms from CDM and subcontract employees. Open for government to review and respond as applicable.</li> <li>On 5 Nov 10, received the revised CDM company review of updated PRP list, open for government review and response.</li> </ul> </li> </ul> </li> </ul>
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## Progress Report for EPA Region II

<i>Work Performed--cont.</i>	<ul style="list-style-type: none"> <li>▪ Modeling. <ul style="list-style-type: none"> <li>○ On 1 Aug 11, conference call held to discuss additional HDR-HQI funding needs.</li> </ul> </li> <li>▪ Technical Expert Risk Assessment personnel. On 4 Nov 09, circulated list of risk assessment personnel that had been considered for addition to the team. Coordination among EPA for contacting potential personnel.</li> <li>▪ Preparation of Progress Report and Project Expenditure spreadsheet.</li> </ul>
<i>Key Meetings This Period</i>	<ul style="list-style-type: none"> <li>▪ Regular project progress calls.</li> <li>▪ Other project calls and meetings as noted throughout this progress report.</li> </ul>
<i>Key Contract Milestones Completed to Date</i>	<ul style="list-style-type: none"> <li>▪ <b>MPI Task Order 0020: Contract W912DQ-06-D-0006, Expiration Date – 19 Sep 2012</b> <ul style="list-style-type: none"> <li>▪ 21 Sep 07 – Base Task Order, CPG RI/FS Oversight awarded for \$349,601.</li> <li>▪ 19 Jun 08 – Modification 01, CPG RI/FS Oversight was awarded for \$274,903.</li> </ul> </li> <li>▪ <b>MPI Task Order 0010: Contract W912DQ-08-D-0017, Expiration Date – 15 Jan 2014</b> <ul style="list-style-type: none"> <li>▪ 16 Jan 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$65,000.</li> <li>▪ 5 Mar 09 – Modification 0001 was awarded for \$69,772.</li> <li>▪ 24 Jun 09/1 Jul 09 - Modification 0002 was awarded for \$49,756 (verbal on 24 Jun/written on 1 Jul).</li> <li>▪ 3 Aug 09 – Modification 0003 was awarded for \$378,843.</li> <li>▪ 28 Aug 09: Contract Mod 4 was awarded, totaling \$279,277.</li> <li>▪ 1 Sep 09, Mod 5 (admin in nature) was signed.</li> <li>▪ 29 Dec 09, Mod 6 was awarded, totaling \$211,881.</li> <li>▪ 9 Jul 10, Mod 7 was awarded, totaling \$52,890.</li> <li>▪ 28 Dec 10, Mod 8 was awarded, totaling \$54,473.</li> </ul> </li> <li>▪ <b>CDM Task Order 0014: Contract W912DQ-08-D-0018, Expiration Date – 30 Jul 2014</b> <ul style="list-style-type: none"> <li>▪ 3 Aug 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$160,000 (verbal was given 31 Jul 09)</li> <li>▪ 22 Aug 09: Contract Mod 1/TO 0014 was issued, totaling \$175,902.</li> <li>▪ 25 Aug 09; Mod 2 (admin in nature) was signed.</li> <li>▪ 23 Dec 09; Mod 3 was awarded, totaling \$493,000.</li> <li>▪ 3 Mar 10; Mod 7 was awarded, totaling \$283,000. (Numbering out of order due to electronic system error.)</li> <li>▪ 14 May 10; Mod 8 was awarded, totaling \$140,000.</li> <li>▪ 9 Jun 10; Mod 9 was awarded, totaling \$375,000.</li> <li>▪ 21 Oct 10, Mod 10 was awarded, totaling \$362,923 (note \$63,000 of this funding is from IA 2023).</li> <li>▪ 27 Dec 10, Mod 11 was awarded, totaling \$74,426 (note funding split as follows: \$50,000 is Passaic FFS, IA 1975 and \$24,426 is Newark Bay, IA 2023).</li> <li>▪ 4 May 11, Mod 12 was awarded, totaling \$682,426 (note funding split as follows: \$645,000 is IA 2023 and \$37,426 is IA1975).</li> </ul> </li> </ul>

## Progress Report for EPA Region II

Contractor Actions/ Accomplishments	CDM
	<ul style="list-style-type: none"> <li>▪ Management. CDM participated in progress calls as noted throughout this report and continued management tasks including participation in subcontract collaboration tasks with EPA/Corps/HDR-HQI personnel. Additional information may be found in the CDM Progress Report covering period July 31 – August 27, 2011. Information is also contained in daily email reports provided by CDM during specific fieldwork oversight efforts.</li> <li>▪ CPG Fieldwork Planning Documents <ul style="list-style-type: none"> <li>○ CWCM QAPP. On 12 Aug 11, EPA approved the small volume CWCM QAPP.</li> <li>○ RM 10.9 QAPP; Sediment Sampling. On 8 Aug 11, the CPG submitted RTC. On 11 Aug 11, the CPG submitted revisions to the QAPP. On 15 Aug 11, CDM submitted backcheck comments.</li> </ul> </li> <li>▪ CDM Oversight QAPP Addenda. <ul style="list-style-type: none"> <li>○ Chemical Water Column Monitoring QAPP. On 3 Aug 11, submitted the QAPP for review. On 8 Aug 11, EPA approved the QAPP.</li> <li>○ RM10.9 Oversight QAPP. On 16 Aug 11, submitted QAPP addendum for oversight of RM 10.9. On 24 Aug 11, received comments from EPA. On 25 Aug 11, provided responses to EPA comments. On 26 Aug 11, EPA approved the QAPP.</li> </ul> </li> <li>▪ CDM Fieldwork Oversight. <ul style="list-style-type: none"> <li>○ CWCM Sampling. Pre-planning occurred during reporting period. On 15 Aug 11, the CPG began sampling with CDM oversight.</li> <li>○ RM10.9 Sampling. On 24 and 25 Aug 11, CDM oversight was performed of CPG fieldwork.</li> </ul> </li> <li>▪ CDM Fieldwork Oversight Reporting. <ul style="list-style-type: none"> <li>○ Continued preparation of oversight reports and daily updates during fieldwork.</li> </ul> </li> <li>▪ CPG Fieldwork Reporting <ul style="list-style-type: none"> <li>○ Summer 2010 Habitat Identification Survey Data Report. On 11 Jul 11, submitted comments on revised report.</li> <li>○ Draft Spring and Summer 2010 Benthic Report. On 18 Jul 11, submitted comments on the draft report.</li> <li>○ 2010 Summer/Fall Avian Survey Data Report. On 14 Jul 11, the CPG provided response to comments. On 1 Aug 11, submitted comments on the CPG responses.</li> <li>○ PWCM Report. On 7 Jun 11, submitted review comments. On 14 Jun 11, EPA provided the CPG with comments.</li> <li>○ Low Resolution Coring Report. On 25 Jan 11, comments submitted to CPG from EPA. On 27 Jul 11, the CPG submitted a revised LRC Report (and invoked dispute resolution).</li> </ul> </li> <li>▪ FS Work Plan. On 17 Jan 11, submitted comments on the draft FS Work Plan to EPA. Open.</li> <li>▪ CDM Data Manager/Website/Digital Library. <ul style="list-style-type: none"> <li>○ Coordinated through the reporting period for all dataset transfer from LBG to CDM, including hard copy of all data. The historical database migration is still underway.</li> <li>○ Updating search capabilities on SharePoint.</li> <li>○ On 2 Aug 11, training session was conducted for use of Sharepoint.</li> </ul> </li> <li>▪ CPG Risk Assessment Technical Memos, comments submitted to CPG on 10 Sep 10. Additional clarifications provided by EPA to the CPG on 5 Nov 10. On 10 Feb 11, received the revised RARC with attachments, Terms Sheet and Position Papers for EPA review. <ul style="list-style-type: none"> <li>○ Draft Data Usability and Data Evaluation Plan. On 1 Apr 10, EPA provided comments to the CPG.</li> <li>○ Draft Risk Analysis &amp; Risk Characterization Plan. On 20 Jun 11, EPA forwarded all comments for final check. Continued discussion with EPA regarding some of the comments. On 1 Jul 11, submitted revised fish ingestion rate paper and calculations. On 10 Aug 11, the CPG submitted the Revised RARC (posting on SharePoint). Review of this document is on hold.</li> <li>○ Draft Approach for Developing Ecological Effect Thresholds (Threshold Reference Value, TRV) Memo. The 10 Sep 10 EPA letter to CPG indicates the TRV memo was inadequate to review. On 10 Aug 11, the CPG submitted the Revised TRV (posting on SharePoint). Review of this document is on hold.</li> </ul> </li> </ul>

## Progress Report for EPA Region II

<b>Contractor Actions/ Accomplishments</b>	<ul style="list-style-type: none"> <li>▪ Modeling. <ul style="list-style-type: none"> <li>○ On 1 and 9 Aug 11, funding and coordination conference calls held.</li> <li>○ Model inputs were transferred and discussion with CPG regarding the inputs occurred during the reporting period. Continuing collaboration with the CPG on various work tasks.</li> </ul> </li>   <li>LBG <ul style="list-style-type: none"> <li>▪ 2009 Fish and Benthic Sampling Oversight Report. Open for LBG to submit; pending decision on receipt of CPG data.</li> </ul> </li> </ul>
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## Projected Work, Meetings Milestones FY2011. Current Status of Work Products.

<b>Narrative</b>	<p>Note – Most recent CPG full schedule update was received on 18 Feb 10. On 2 Dec 10, received informal list of report submittals from the CPG. On 31 Mar 11, approximate dates were provided for some deliverables.</p> <ul style="list-style-type: none"> <li>▪ Technical memoranda. On <u>10 Sep 10</u>, EPA provided letter with combined comments on the three documents listed below. On <u>12 Oct 10</u>, the CPG responded to the EPA comments. On <u>5 Nov 10</u>, EPA provided response with clarification to the earlier comments. On <u>10 Feb 11</u>, the CPG submitted revised RARC with attachments, Terms Sheet and Position Papers for EPA review. <ul style="list-style-type: none"> <li>○ Data Usability Assessment/Data Evaluation Plan. On <u>26 Feb 10</u>, Plan submitted. On 1 Apr 10, comments provided to CPG. These comments were referenced in the 10 Sep 10, letter as outstanding for CPG to respond.</li> <li>○ Regional Urban Background, Risk Analysis/Risk Characterization Plan (RARC) and COPC Selection Memo. On <u>16 Apr 10</u>, Memo submitted. On <u>10 Aug 11</u>, the CPG submitted the Revised RARC.</li> <li>○ Ecological Effects Threshold Tech Memo (Threshold Reference Value). On <u>10 May 10</u>, TM submitted. On <u>10 Aug 11</u>, the CPG submitted revised TRV Memo.</li> </ul> </li> <li>▪ CPG Planning Documents: <ul style="list-style-type: none"> <li>○ On 12 Aug 11, the EPA approved the CPG small volume CWCM QAPP.</li> </ul> </li> <li>▪ CPG Reports: <ul style="list-style-type: none"> <li>○ Summer 2010 Habitat Survey Data Report. On <u>7 Mar 11</u>, draft report submitted to EPA. On <u>24 Mar 11</u>, CDM submitted comments to EPA. <u>7 Apr 11</u>, EPA submitted comments to CPG. On <u>17 Jun 11</u>, the CPG submitted revised report. On <u>11 Jul 11</u>, CDM submitted comments to EPA. On <u>13 Jul 11</u>, EPA provided comments to CPG.</li> <li>○ Benthic Fall 2009 Community Field Report. On <u>11 Oct 10</u>, CDM submitted comments on draft report. On <u>2 Mar 11</u>, EPA provided comments to the CPG. On <u>17 Jun 11</u>, the CPG submitted the revised report. On <u>23 Jun 11</u>, CDM submitted comments to EPA. On 29 Jun 11, EPA provided comments to the CPG.</li> <li>○ Data Summary Report/Low Resolution Coring Report submitted <u>2 Mar 10</u>. On <u>28 Jun 10</u>, comments provided to CPG. On <u>25 Jan 11</u>, additional comments provided to the CPG. Open.</li> <li>○ Benthic Invertebrate 2010 Spring/Summer Community Report. On <u>17 Jun 11</u>, the CPG submitted the initial report for review. On <u>21 Jul 11</u>, CDM submitted comments to EPA. On <u>27 Jul 11</u>, EPA provided comments to the CPG.</li> </ul> </li> <li>▪ Sediment Stability/ Periodic Bathymetry Surveys/Post Storm Bathymetry Surveys. On <u>28 Jan 11</u>, EPA provided comments on the June 2010 Survey Draft Report. On <u>16 May 11</u>, revised report received. On <u>7 Jun 11</u>, comments submitted to EPA. On <u>14 Jun 11</u>, EPA provided comments to CPG.</li> </ul>
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## Projected Work, Meetings Milestones FY2011. Current Status of Work Products (cont.)

<b>Meetings</b>	<ul style="list-style-type: none"> <li>• Continuation of bi-weekly progress calls and additional coordination meetings/conference calls with CPG.</li> </ul>
<b>Key Milestones Forthcoming</b>	<ul style="list-style-type: none"> <li>• Several submittals as noted above; future dates not specific without updated schedule.</li> </ul>



## Progress Report for EPA Region II

Issues	
<b>Technical:</b>	<ul style="list-style-type: none"> <li>Risk Assessment Technical Memoranda. Several TM's submitted by the CPG still require coordination and approval by EPA.</li> <li>Low Resolution Coring (LRC) Characterization Summary Report. The CPG has invoked dispute resolution on this document and coordination is underway to resolve the issues.</li> <li>2011 Fieldwork – Chemical Water Column Monitoring. Delays in draft QAPP comment resolution will result in overall program delay and fieldwork being delayed. Fieldwork has begun on low volume sampling.</li> </ul>
<b>Schedule</b>	<ul style="list-style-type: none"> <li>Full schedule updates not provided by the CPG. The CPG has provided some report submittal dates; these will be noted within this report upon actual document receipt.</li> </ul>
<b>Funding:</b>	<ul style="list-style-type: none"> <li>None at this time.</li> </ul>

IAG Summary: Technical Assistance Amendment Funding						
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
410,000	0	Initial	9/6/07	-	-	\$ 410,000
290,000	0	1	6/3/08	-	-	\$700,000
75,000	0	2	12/31/08	-	-	\$775,000
85,000	0	3	2/19/09	-	-	\$860,000
50,000	0	4	6/23/09	-	-	\$910,000
576,665	0	5	7/27/09	-	-	\$1,486,665
500,000	0	6	8/7/09	-	-	\$1,986,665
789,000	0	7	12/1/09	-	-	\$2,775,665
300,000	0	8	2/24/10	-	-	\$3,075,665
140,000	0	9	4/27/10	-	-	\$3,225,665
510,000	0	0	5/24/10	-	-	\$3,735,665
400,000	0	0	9/14/10	-	-	\$4,135,665
745,000	0	0	4/8/11	-	-	\$4,880,665
150,000	0	0	8/31/11	-	-	\$5,030,665

## Progress Report for EPA Region II

Summary of Funds Spent Per Activity & Funding Remaining				
Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
MPI: Contract W912DQ-06-D-0006; Task Order 0020; awarded 21 Sep 07	\$349,601.00	\$0.00	\$349,601.00	\$0.00
MPI: Contract W912DQ-06-D-0006; Task Order 0020/Mod 1; awarded 19 Jun 08	\$274,903.00	\$0.00	\$267,213.93	\$7,689.07
MPI: Contract W912DQ-08-D-0017; Task Order 0010; awarded 16 Jan 09	\$65,000.00	\$0.00	\$65,000.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 1; awarded 5 Mar 09	\$69,772.00	\$0.00	\$69,772.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 2; awarded 24 Jun 09	\$49,756.00	\$0.00	\$49,756.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 3; awarded 3 Aug 09	\$378,843.00	\$0.00	\$378,843.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 4; awarded 28 Aug 09	\$279,277.00	\$0.00	\$279,277.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 6; awarded 29 Dec 09 <sup>Note 1</sup>	\$211,881.00	\$0.00	\$211,881.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 7; awarded 9 Jul 10	\$52,892.00	\$0.00	\$52,892.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 8; awarded 28 Dec 10	\$54,473.00	\$6,002.00	\$8,564.63	\$45,908.37
CDM: Contract W912DQ-08-D-0017; Task Order 0014/Base Contract; awarded 6 Aug 09 (verbal 31 Jul 09)	\$160,000.00	\$0.00	\$160,000.00	\$0.00
CDM: Contract W912DQ-08-D-0017; Task Order 0014/Mod 1; awarded 22 Aug 09	\$175,902.00	\$0.00	\$175,902.00	\$0.00
CDM: Contract W912DQ-08-D-0017; Task Order 0014/Mod 3; awarded 23 Dec 09 <sup>Note 2</sup>	\$493,000.00	\$0.00	\$493,000.00	\$0.00
CDM: Contract W912DQ-08-D-0017; Task Order 0014/Mod 7; 3 Mar 10 <sup>Note 3</sup>	\$283,000.00	\$0.00	\$283,000.00	\$0.00
CDM: Contract W912DQ-08-D-0017; Task Order 0014/Mod 8; awarded 14 May 10	\$140,000.00	\$0.00	\$140,000.00	\$0.00
CDM: Contract W912DQ-08-D-0017; Task Order 0014/Mod 9; awarded 9 Jun 10	\$375,000.00	\$40,349.00	\$207,836.00	\$167,164.00
CDM: Contract W912DQ-08-D-0017; Task Order 0014/Mod 10; awarded 21 Oct 10 <sup>Note 4</sup>	\$299,923.00	\$0.00	\$0.00	\$299,923.00
CDM: Contract W912DQ-08-D-0017; Task Order 0014/Mod 11; awarded 27 Dec 10 <sup>Note 5</sup>	See note 5	\$0.00	\$0.00	\$0.00
CDM: Contract W912DQ-08-D-0017; Task Order 0014/Mod 12; awarded 4 May 11 <sup>Note 6</sup>	\$645,000.00	\$0.00	\$0.00	\$645,000.00
Contract Funds Available	\$161,342.00	\$0.00	\$0.00	\$161,342.00
<b>Subtotal - Summary of Contract/Funds awarded and available (total reflects blocks on Page 2 IAG)</b>	<b>\$4,519,665.00</b>	<b>\$46,351.00</b>	<b>\$3,192,538.66</b>	<b>\$1,327,026.44</b>
Kansas City Corps In-House Labor/Travel	\$359,130.00	\$3,156.41	\$231,712.61	\$127,417.39
Superfund M&S Fee	\$74,470.00	\$0.00	\$50,789.34	\$23,680.66
MIPR/ERDC - Hayter/Gailani; CPG Modeling Support	\$53,000.00	\$0.00	\$45,106.75	\$7,893.25
MIPR/ERDC - Estes; Decon Technology Support	\$24,500.00	-\$203.03	\$17,053.16	\$7,446.84
<b>Subtotal - Summary of Labor/M&amp;S, etc.</b>	<b>\$511,100.00</b>	<b>\$2,953.38</b>	<b>\$344,661.86</b>	<b>\$166,438.14</b>
<b>Grand Total - Contract/Corps</b>	<b>\$5,030,665.00</b>	<b>\$49,304.38</b>	<b>\$3,537,200.42</b>	<b>\$1,493,464.58</b>

**Progress Report for EPA Region II****Notes on above table:**

Note 1: MPI/LBG TO 0010 Mod 5 is admin, zero dollar mod

Note 2: CDM TO 0014 Mod 2 is admin, zero dollar mod.

Note 3: CDM TO 0014 Mods 4, 5, & 6 were skipped in system numbering

Note 4: CDM TO 0014/Mod 10 totals \$362,923; \$63,000 is Newark Bay funding for IT transition.

Note 5: CDM TO 0014/Mod 11 totals \$74,426; \$50,000 is Passaic FFS funding and \$24,426 is Newark Bay funding for IT transition.

Note 6: CDM TO 0014/Mod 12 totals \$682,426; \$37,426 is Passaic FFS funding for IT/transition.

**IAG Scope of Work Summary (block 13 of IAG)**

This amendment obligates \$XX (see amounts above for base and amendments) to the U.S. Army Corps of Engineers - Kansas City District to provide/continue oversight of the CPG's performance of Remedial Investigation and Feasibility Study at the Diamond Alkali OU4 Superfund Site (EPA ID: NJD980528996)

**Project Delivery Team**

Name	Contact Information	Responsibility
Beth Buckrucker	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Bonnie Lowe	(816) 389-3803	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Dawn Wade	(816) 389-3721	Attorney
Julia Kisser	(816) 389-3874	COR

Prepared by: Elizabeth Buckrucker  
Project Manager  
3 November 2011

## PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and & Superfund Site  
 Project: Task Order 014 CPG Oversight  
 Prepared by: Frank Tsang  
 Representing: CDM Federal Programs Corporation (CDM)  
 Date: July 14, 2011  
 Reporting Period: May 29, 2011 - July 2, 2011

1. **Progress Made this Reporting Period** - CDM performed the following activities during this period:

**WAD 1, Work Order 1 - Project Management and Administration**

**1.1.1 Project Management**

- CDM performed project management including staffing, financial monitoring, invoicing, and participating in conference calls.

**1.1.2 Project Support Documentation & Administration**

- CDM prepared and submitted the monthly progress report.

**1.1.3 Subcontract Administration**

- CDM prepared and submit consent package for HQI subcontract on June 28, 2011.

**1.1.4 Project Communication**

- On June 2, 14 and 27, CDM participated in biweekly conference calls.

**WAD 1, WO3 - Technical Advisory Committee**

- Bob Ambrose, Alan Blumberg, Roger Flood and Dominic Di Toro are on board as TAC members.

Item	TAC Member	Budgeted Amount	Authorized Amount	Payment	Forecast	Remarks
1		\$13,573				
2	Ambrose		\$6,600	\$1,600		Review Hg memo Review Organic Carbon TM
3	Blumberg		\$6,200			
4	Flood		\$4,600	\$3,558		Attend Sed Stability mtg.
5	WVN2	\$4,600				
6	WVN3	\$15,160				
7	Di Toro		\$8,200		\$2,000	Review organic carbon model tech memo
Total		\$33,333	\$17,400	\$5,158		

## **WAD 2, Work Order 1 - Transitional Tasks**

### **2.1.1 Background document Review**

- Work completed.

### **2.1.2 Transition Meetings**

- Work completed.

### **2.1.3 Fish Tissue Oversight**

- Work completed.

### **2.1.4 Benthic Survey Oversight**

- Work completed.

### **2.1.5 PWCM Oversight**

- Work completed.

### **2.1.6 PREmis Review**

- Work completed.

### **2.1.7 Low Resolution Coring Report**

- No activities, ODCs invoiced.

### **2.1.8 Fish Community Report**

- Work Completed.

### **2.1.9 Fish 2010 Winter Community Survey Oversight**

- Work completed.

## **WAD2, Work Order 2 - Work Planning: Oversight & Communication**

### **2.2.1 Fish Tissue and Benthic QAPP Addenda Review**

- No activities.

### **2.2.2 Water Column, Chemical Data QAPP**

- One hour transferred out of 2.2.1 into 2.2.2.

### **2.2.4 Human Health Risk Exposure Assessment**

- No activities.

### **2.2.5 Avian Survey QAPP Review**

- No activities.

### **2.2.6 Habitat Survey QAPP**

- No activities.

### **2.2.7 Water Column, Physical Data QAPP**

- No activities.

### **2.2.8 Risk Assessment Technical Memorandum**

- No activities.

#### 2.2.9 Technical Communication

- Two technical meetings.

#### 2.2.10 RM 10.9 Work Plan Review

- Began review of River Mile 10.9 QAPP.

### **WAD2, Work Order 3 – Field Work Sampling Oversight**

#### 2.3.1 CDM Work Plan Preparation (QAPP & HASP)

- QAPP Addendum 8 for CWCM received comments from EPA 15 June. Preparing RTC and Final QAPP Addendum 8 – will submit after reviewing CPG Revised SV CWCM QAPP early July.

#### 2.3.2 Fish Tissue and Benthic Sampling Oversight

- Performed oversight of Day 90 field effort on 6 June.
- Began preparation of oversight field summary report.
- Coordinating with CPG to determine CPG analysis and CDM splits.
- Reviewed caged bivalve study proposed tissue sample analysis plan.

#### 2.3.4 Avian Survey Oversight

- Prepared fourth round avian survey oversight summary report.

#### 2.3.5 Habitat Survey Oversight

- Work completed.

#### 2.3.6 Bathymetry Periodic Survey Oversight

- No activities.

#### 2.3.7 Water Column, Physical data Sampling Oversight

- No activities.

### **WAD2, Work Order 4 – Report/Products: Oversight and Communications**

#### 2.4.1 CPG Report Review

- 7 June submitted comments from Jason Magalen of Sea Engineering on the CPG Revised June 2010 Bathymetry Survey Report received 16 May.
- 23 June submitted comments to EPA on Revised Fall 2009 Benthic Summary Report dated June 17, 2011
- Reviewing Spring and Summer 2010 Benthic Invertebrate Community Survey dated June 17, 2011 – comments due to EPA mid-July.
- Reviewing Revised Habitat Survey Report – comments submitted to EPA 1 July.
- Submitted review of documents EPA prepared in response to Revised RARC Plan 20 June.
- Reviewed Revised RARC EPA Comments 23 June.

## **WAD 2, Work Order 5 - Data Manager**

### **Data/Information Transfer:**

- CDM 2010 sediment and tissue split sample data, editing and reviewing EDDs with validation qualifiers - getting them into the queue.
- 06 June met with CPG data providers to discuss EDD format issues, reference values and communication regarding EDD updates.
- 16 June - Forwarded questions from CPG to LBG regarding the 2009 split sample data set
- 21 June - Forwarded update of the 2009 split samples to CPG and LBG
- 24 June - Forwarded minutes/notes to CPG from June 6<sup>th</sup> meeting about electronic data transfers
- 23 June - contacted NOAA database manger Peggy Myer regarding the format required for data transfer.

### **Webpage and Database Development:**

- 2005 & 2007 Newark Bay Phase 1 & 2 split sample validated data received from LBG on CD.
- Continuing work on migrating PREmis historical database.
- Majority of TSI data received from LBG on CD has been entered into the database.
- Received application source codes used for PREmis analytical database.
- Continued receiving none historical data sets, various surveys from 2004 through 2008, from LBG.

## **WAD 3, Work Orders 1 and 2 - General Communication (with HQI/CPG)**

- Attended bi-weekly calls on 6/2 and 6/14
- Transfer RCATOX: perform some clean up of RCATOX code to simplify post-processing for CPG.
- Oversight: work with Sea Engineering on processing of ABS data; work to speed up ECOMSEDLJS code; test model with new bathy data and new Hudson River flows.
- Collaboration: continue weekly discussions with CPG modeling team and prep for July modeling meeting with CPG.

Item	Subcontract	Authorized Amount	Payment	Forecast	Remarks
1	HQI	\$308,051	\$204,305	\$30,577	May invoices
2	Kern	\$5,200	\$2,779	\$0	

2. **Anticipated Problems and Recommended Solutions** - None.
3. **Problems Resolved** - N/A.
4. **Upcoming Events/Activities Planned** - CDM will continue working on the following activities:
  - Participate in biweekly calls

- Review CPG documents when received
- Finalize SV CWCM QAPP Addendum 8
- Prepare QAPP Addendum 9 for RM 10.9 sampling
- Prepare for SV CWCM sampling event to start 15 August 2011
- Review CPG QAPP Addendums for RM 10.9 and prepare for field work this summer
- Continue on database management and historical data upload

5. **Key Staffing Changes** - None

6. **Budget** - See below table for negotiated budget and funded amount. See attached spreadsheet for expenditure details.

Item	ATP/WVN	Modification	Negotiated Amount	Funded Amount	Remarks
1			\$1,522,305		
2	ATP 1	0		\$160,000	Add fund
3	ATP 2	1		\$175,902	Add fund
		2			Correct negotiated amount on Mod 1
4	ATP 3/ WVN1	3		\$493,000	Add fund and scope
5	WVN2			0	Add scope and transfer fund
		Skipped 4, 5 & 6			
6	ATP 4/WVN3	7		\$283,000	Add fund and scope
7	ATP 5	8	\$1,274,734	\$140,000	Add fund and scope
8	ATP 6	9		\$375,000	Add fund
9	ATP 7/WVN 4	10		0	Add scope and fund
10	ATP 8/WVN 5	10	\$266,351	\$362,923	Add scope and fund
11	ATP 9/WVN 6	11	\$98,737	\$74,426	Add scope and fund
12	ATP 10		0	0	Transfer funds among WEs
13	WVN 7		\$438,364		Add scope
14	ATP 11			\$682,426	Add scope and fund
15	WVN 8 (Preliminary)		\$179,765		Add scope
Total			\$3,600,491	\$2,746,677	



## 7. Deliverables Submitted

<u>Title</u>	<u>Date Submitted</u>
Kickoff Meeting Minutes	September 9, 2009
Consent package for HQI	October 30, 2009
Status Report (October, November, and December 2009) Oversight PWCM	December 17, 2009
Updated COI forms for CDM	January 18, 2010
COI forms for HQI and subconsultants	February 3, 2010
Draft PWCM and Generic QAPP	February 4, 2010
Draft Accident Prevention Plan	February 10, 2010
Final Accident Prevention Plan	February 25, 2010
Status Report (February 1 to 24, 2010) Oversight of the 2010 Winter Fish Community Survey	March 1, 2010
Final PWCM QAPP	March 10, 2010
Comments on Draft Data Usability and Data Evaluation Plan	March 19, 2010
Field Change Request 1 - Flood Event	March 29, 2010
Status Report (March 2010) Oversight of PWCM	April 5, 2010
Field Change Request 2 - Extra Split Sample	April 6, 2010
Comments on Draft Low Resolution Coring Characterization Summary	April 16, 2010
Comments on Draft Fish/Decapod QAPP Addendum No. 3	April 30, 2010
Comments on Draft Benthic QAPP Addendum No. 1	April 30, 2010
Comments on Draft Fish/Decapod QAPP Addendum No. 2	May 7, 2010
Comments on Draft Risk Analysis and Risk Characterization Plan	May 10, 2010
Status Report (May 2010) Oversight of PWCM	May 12, 2010
Draft QAPP Addendum 1 (Avian Community Survey)	May 11, 2010
Status Report (April 6 and May 12, 2010) Oversight Of Wet Weather Sampling	May 18, 2010
Field Change Request 3	May 20, 2010
Draft QAPP Addendum 2 (Late Spring/Early Summer Fish Community Survey)	May 20, 2010
Comments on Periodic Bathymetric Surveys QAPP	May 24, 2010
Draft QAPP Addendum 3 (Benthic Invertebrate Community Survey)	May 25, 2010
Final QAPP Addendum 2 (Late Spring/Early Summer Fish Community Survey)	June 8, 2010
Final QAPP Addendum 3 (Benthic Invertebrate Community Survey)	June 8, 2010
Observation Summary Report (June 2010) Oversight of CPG Multi-beam Sonar Bathymetric Survey	June 16, 2010
(SEI) Draft QAPP Addendum 4 (Co-located Sediment Samples)	June 24, 2010

Comments on CPG Final Benthic QAPP Addenda 3 & 4	June 24 & 25, 2010
Comments on CPG Draft Benthic QAPP Addendum 3 - Habitat ID Survey	June 25, 2010
Status Report (May 19 to 25, 2010) Oversight of PWCM	July 2, 2010
Status Report (June 2010) Oversight of PWCM	July 2, 2010
Draft QAPP Addendum 5 (Fish Tissue Analysis)	July 7, 2010
Draft QAPP Addendum 6 (Habitat ID Survey)	July 9, 2010
Final QAPP Addendum 4 (Co-located Sediment Samples)	July 9, 2010
Status Report (May 24 to 28, 2010) Oversight of the Late Spring/Early Summer 2010 Fish Tissue Collection for Chemical Analysis	July 23, 2010
Status Report (June 2 to 11, 2010) Oversight of the Spring 2010 Benthic Macroinvertebrate Survey	July 23, 2010
Status Report (July 2010) Oversight of PWCM	August 3, 2010
CDM QAPP Addendum 6 - habitat identification Survey	August 9, 2010
Status Report (June 23 to August 9, 2010) Oversight of the 2010 Summer Fish Community Survey	August 11, 2010
CDM submitted Final QAPP Addendum 5 (fish tissue sampling)	August 24, 2010
Status Report (July 27 to August 16, 2010) Oversight of the Summer 2010 Benthic Macroinvertebrate Survey and Co-Located Surface Sediment Sampling For Chemical Analysis	August 26, 2010
Technical Memorandum Exposure Parameter Assumptions for the LPRSA HHRA	September 2, 2010
Status Report (August 16 to 20, 2010) Oversight of the Summer 2010 Avian Survey	September 2, 2010
Comments on CPG Proposed Analysis Plan for the Small Forage Fish Tissue Samples	September 7, 2010
Comments on Protocol Modification Forms - CPG Fish and Benthic QAPPs	September 23, 2010
Comments on the CPG Draft Benthic Invertebrate Community Survey and Benthic Field Data Collection Report for the LPRSA Fall 2009 Field Effort	October 11, 2010
Status Report (September 20 to 23, 2010) Oversight of the 2010 Habitat Survey	October 14, 2010
Comments on CPG Draft Small Volume CWCM QAPP	October 15, 2010
Status Report (November 4, 2010) Oversight of Wet Weather Sampling	November 9, 2010
Comments on Caged Bivalve Pilot Study Memo	November 17, 2010
Status Report (October 11 to 15, 2010) Oversight of the Fall 2010 Avian Surveys	November 19, 2010
Comments on Periodic Bathymetry Survey Report	January 6, 2011

June 2010 Multibeam Survey dated November 2010	
Status Report (November 22, 2010 to January 6, 2011)	January 7, 2011
Oversight of the Caged Bivalve Pilot Study	
Comments on Revised Draft FS Work Plan	January 17, 2011
Revisions to Exposure Parameter Assumptions for LPRSA Human Health Risk Assessment	February 2, 2011
Comments on Draft Fish Community Survey and Tissue Collection Data Report 2010 Field Efforts	February 3, 2011
Comments on the Effect of Application of a Correction Factor on Chlorinated Dibenzo-p-dioxins and Dibenzofuran Results Produced by Columbia Analytical Services for LPR Sediment Samples	February 14, 2011
Status Report (January 23 to 27, 2010) Oversight of The Winter 2011 Avian Surveys	February 16, 2011
Comments on CPG Draft Caged Bivalve Study Addendum No. 4 to the Benthic QAPP	February 18, 2011
Comments on CPG Draft Habitat Identification Survey Data Report for the LPRSA Fall 2010 Field Effort dated March 4, 2011	March 24, 2011
Comments on CPG Revised Risk Analysis and Risk Characterization Plan for the LPRSA Draft dated February 10, 2011	April 8, 2011
CDM QAPP Addendum 7 - Caged Bivalve Study	May 2, 2011
Comments on CPG Response to SV CWCM QAPP Comments	May 2, 2011
Comments on CPG Draft Avian Community Survey Data Report Summer and Fall 2010	May 18, 2011
Comments on CPG Revised Periodic Bathymetry Survey Report June 2010 Multibeam Survey dated April 2011	June 7, 2011
Comments on CPG Revised Fall 2009 Benthic Invertebrate Community Survey and Benthic Field Data Collection Report Dated June 17, 2011	June 23, 2011
Comments on the Bathymetry Survey portion of the River Mile 10.9 Characterization QAPP dated June 2011	July 5, 2011
Comments on CPG Revised Habitat Identification Survey Data Report dated June 17, 2011	July 11, 2011